

ALTON GEOSCIENCE BORING LOG

PROJECT: 23-0047

BORING DATE: 1-20-92

LOCATION: MAIN AND EDINGER, SANTA ANA

GEOLOGIST: U. LIGMOND

TYPE: 10-INCH HOLLOW-STEM AUGER

BORING NO. : MW-7

DRILLING COMPANY: WEST HAZMAT DRILLING

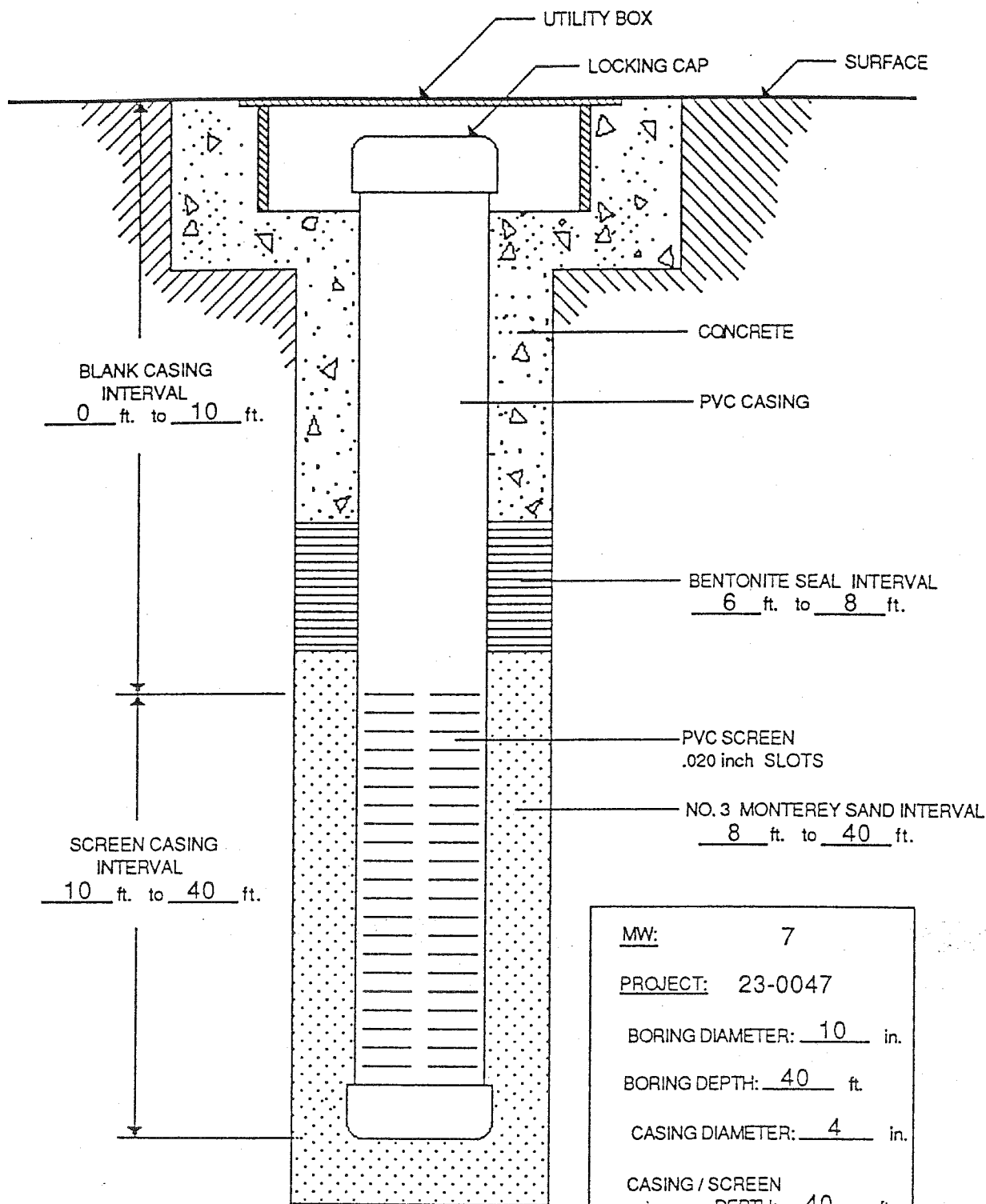
DEPTH (FEET)	I	BLOW CTS	MATERIAL ENCOUNTERED	USCS
—			Hand-excavated first 3.5 feet.	
5		12, 7, 14	Stiff, moist, dusky yellowish-brown, silty CLAY; little sand. CGI = 0 ppm.	CL
10	++	8, 8, 9	Stiff, moist, dark yellowish-brown, silty CLAY; little sand. CGI = 0 ppm. TPH = ND, BTEX = ND.	CL
15		6, 8, 10	Stiff, moist, olive gray, fine-grained sandy CLAY; some silt. CGI = 0 ppm.	CL
20	++	6, 15, 24	Medium dense, very wet, dark yellowish-brown, silty fine- to medium-grained SAND; little coarse-grained sand, gravel, and clay. CGI = 0 ppm. TPH = ND, BTEX = ND.	SM
25	X	7, 8, 10	No recovery.	
30		6, 8, 11	Stiff, wet, dark yellowish-brown, very silty CLAY; trace sand.	CL
35			Loose, saturated, dark yellowish-brown, gravelly fine- to coarse-grained SAND; with trace to little silt.	SW
			Stiff, moist to wet, moderate yellowish-brown very silty CLAY; trace sand.	CL
40		6, 7, 10	Stiff, moist to wet, moderate yellowish-brown, silty CLAY with trace sand.	CL

TPH = Total Petroleum Hydrocarbons
 TRPH = Total Recoverable Petroleum Hydrocarbons
 ∇ = Ground Water Piezometric Surface
 ND = Not Detected
 CGI = Combustible Gas Indicator

++ = Sample Analyzed for
 Hydrocarbon Concentration
 I = Sampling Interval
 ppm = Parts per Million
 LEL = Lower Explosive Limit

B = Benzene
 T = Toluene
 E = Ethylbenzene
 X = Total Xylenes
 Total Depth = 40.5 Feet

MONITORING WELL CONSTRUCTION DETAIL



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BORING DIAMETER: 10 in.

BORING DEPTH: 40 ft.

CASING DIAMETER: 4 in.

CASING / SCREEN
DEPTH: 40 ft.

NOTE: DRAWING IS NOT TO SCALE



**ALTON
GEOSCIENCE**
Irvine, California